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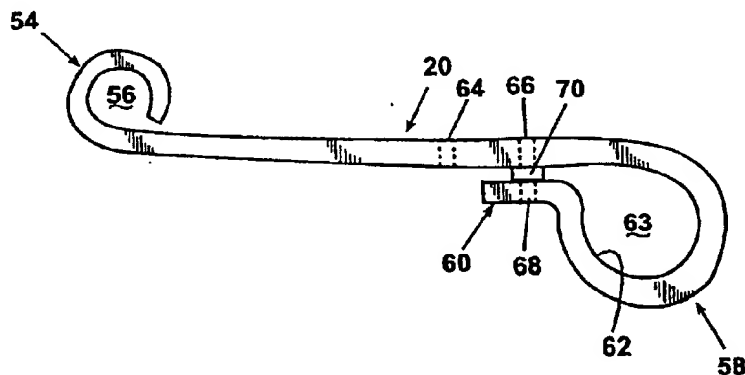
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(54) Title: SPRING BEAM SUSPENSION WITH COMPRESSED AXLE MOUNTING



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(57) Abstract: A suspension (10) adapted to mount on a vehicle frame having a pair of spaced frame rails (14). The suspension (10) comprises a pair of trailing arm assemblies (12) that carry an axle (16). Each trailing arm assembly comprises a frame bracket (24) adapted to be mounted to one of the frame rails (14) and a spring beam (20) pivotally mounted at one end to the frame bracket (24) for pivotal movement about a pivot axis (23) and adapted to carry an axle (16) at another end. A spring (26) is disposed between the spring beam other end and the corresponding frame rail to resist the rotational movement of the trailing arm toward the frame. An axle seat (62) is integrally formed in the spring beam (20) for mounting the axle (16) thereto. The spring beam (20) has a pivot axis center line and the axle seat has a center line, which is located outboard of the pivot axis center line.